## AMENDMENTS TO THE CLAIMS

Listed below are the changes made to the claims, in which the insertions are underlined and deletions are shown by strikethroughs or brackets. The listing of claims below replaces all prior versions and listings of claims in the Application. The list of claims presents each claim with its respective status shown in parentheses.

1-24. **(Canceled)**

25. (**Currently amended**) A method of providing percutaneous access, said method comprising:

inserting a guidewire into or through the renal collection system,

percutaneously inserting an elongate tubular structure having a first, smaller cross-sectional profile over the guidewire and into the renal collection system;

expanding said elongate tubular structure radially around its longitudinal axis from said first, smaller cross-sectional profile to a second, greater cross-sectional profile;

inflating a balloon to expand said elongate tubular structure from said first, smaller cross-sectional profile to said second, greater cross-sectional profile; and

releasing the elongate tubular structure from a constraining tubular jacket, the constraining tubular jacket sharing the same longitudinal axis as the elongate tubular structure, wherein releasing the elongate tubular structure from the constraining tubular jacket comprises tearing said tubular jacket along a perforation.

26. (**Canceled**)

27. (**Previously presented**) The method of Claim 25, wherein the inflating a balloon step is accomplished using a balloon catheter positioned within the tubular body.

28. (**Previously presented**) The method of Claim 25, wherein the inflating a balloon step comprises radially expanding said balloon.

29. (**Previously presented**) The method of Claim 25, further comprising the step of removing the balloon from the tubular structure following the expanding steps.

30.-46. (**Canceled**)

47. (**Currently amended**) A method of providing percutaneous access, said method comprising:

inserting a guidewire into or through the renal collection system,

percutaneously inserting an elongate tubular structure having a first, smaller cross-sectional profile over the guidewire and into the renal collection system, the tubular structure having a beveled distal tip;

expanding said elongate tubular structure radially around its longitudinal axis from said first, smaller cross-sectional profile to a second, greater cross-sectional profile;

inflating a balloon to expand said elongate tubular structure from said first, smaller cross-sectional profile to said second, greater cross-sectional profile; and

releasing the elongate tubular structure from a constraint, the constraint sharing the same longitudinal axis as the elongate tubular structure, wherein releasing the elongate tubular structure from a constraint comprises tearing said constraint along a perforation.

48. (**Canceled**)

49. (**Previously presented**) The method of Claim 47, wherein the inflating a balloon step is accomplished using a balloon catheter positioned within the tubular body.

50. (**Previously presented**) The method of Claim 47, wherein the inflating a balloon step comprises radially expanding said balloon.

51. (**Previously presented**) The method of Claim 47, further comprising the step of removing the balloon from the tubular structure following the expanding steps.

52.-59. (**Canceled**)

60. (**Currently amended**) A method of providing percutaneous access, said method comprising:

inserting a guidewire into or through the renal collection system,

percutaneously inserting an elongate tubular structure having a first, smaller cross-sectional profile over the guidewire and into the renal collection system;

expanding said elongate tubular structure radially around its longitudinal axis from said first, smaller cross-sectional profile to a second, greater cross-sectional profile;

inflating a balloon to expand said elongate tubular structure from said first, smaller cross-sectional profile to said second, greater cross-sectional profile; and

releasing the elongate tubular structure from a constraining tubular jacket, the constraining tubular jacket sharing the same longitudinal axis as the elongate tubular structure, wherein releasing the elongate tubular structure from the tubular jacket comprises tearing said tubular jacket along a score line.

61. (**Canceled**)

62. (**Previously presented**) The method of Claim 60, wherein the inflating a balloon step is accomplished using a balloon catheter positioned within the tubular body.

63. (**Previously presented**) The method of Claim 60, wherein the inflating a balloon step comprises radially expanding said balloon.

64. (**Previously presented**) The method of Claim 60, further comprising the step of removing the balloon from the tubular structure following the expanding steps.

65.-71. (**Canceled**)

72. (**Currently amended**) A method of providing percutaneous access, said method comprising:

inserting a guidewire into or through the renal collection system,

percutaneously inserting an elongate tubular structure having a first, smaller cross-sectional profile over the guidewire and into the renal collection system, the tubular structure having a beveled distal tip;

expanding said elongate tubular structure radially around its longitudinal axis from said first, smaller cross-sectional profile to a second, greater cross-sectional profile;

inflating a balloon to expand said elongate tubular structure from said first, smaller cross-sectional profile to said second, greater cross-sectional profile; and

releasing the elongate tubular structure from a constraint, the constraint sharing the same longitudinal axis as the elongate tubular structure, wherein releasing the elongate tubular structure from the constraint comprises tearing said constraint along a score line.

73. (**Canceled**)

74. (**Previously presented**) The method of Claim 72, wherein the inflating a balloon step is accomplished using a balloon catheter positioned within the tubular body.

75. (**Previously presented**) The method of Claim 72, wherein the inflating a balloon step comprises radially expanding said balloon.

76. (**Previously presented**) The method of Claim 72, further comprising the step of removing the balloon from the tubular structure following the expanding steps.

77.-82. (**Canceled**)

83. (**New**) The method of Claim 25, further comprising the step of separating said tubular jacket from said tubular structure.

84. (**New**) The method of Claim 47, further comprising the step of separating said constraint from said tubular structure.

85. (**New**) The method of Claim 60, further comprising the step of separating said tubular jacket from said tubular structure.

86. (**New**) The method of Claim 72, further comprising the step of separating said constraint from said tubular structure.

87. (**New**) A method of providing percutaneous access, said method comprising:

inserting a guidewire into or through the renal collection system,

percutaneously inserting an elongate tubular structure having a first, folded, substantially continuous, smaller cross-sectional profile over the guidewire and into the renal collection system, wherein in the first, folded, substantially continuous, smaller cross-sectional profile the elongate tubular body forms two longitudinally extending creased outer sections that lie on a perimeter of the folded tubular body and facing each other and two longitudinally extending creased inner sections that lie within the folded tubular body and face away from each other;

expanding said elongate tubular structure radially around its longitudinal axis from said first, smaller cross-sectional profile to a second, greater cross-sectional profile; and

inflating a balloon to expand said elongate tubular structure from said first, smaller cross-sectional profile to said second, greater cross-sectional profile.

88. (**New**) The method of Claim 87, wherein the inflating a balloon step is accomplished using a balloon catheter positioned within the tubular body.

89. (**New**) The method of Claim 87, wherein the inflating a balloon step comprises radially expanding said balloon.

90. (**New**) The method of Claim 87, further comprising the step of removing the balloon from the tubular structure following the expanding steps.